

ABSTRACT OF THE DISCLOSURE

A method of current management in a battery powered device includes the steps of (a) comparing the actual supply voltage from the battery with a fixed reference voltage, (b) generating a control signal whenever the supply voltage is below the reference voltage, (c) using the control signal to reduce the load current in the battery powered device, whereby the supply voltage from the battery will increase, and (d) repeating steps a, b and c as long as the supply voltage is below the reference voltage. A current management system is provided that, when used within a hearing aid, will allow very high load currents and thereby high sound pressure levels to be obtained from the hearing aid. This is achieved without having severe problems with the reduced battery voltage when the battery approaches the end of its lifetime and/or if the air flow within the battery becomes insufficient.